

Indiana Commission for Higher Education
Indiana Board for Proprietary Education

Out-of-State Institutions and
In-State Proprietary Institutions Offering Instruction in Indiana
with a Physical Presence in the State

DEGREE APPLICATION
(New or Renewal program)

Use the <tab> key to advance to the next field, or select a field by clicking the cursor.

Name of Institution Harrison College—Indianapolis (Downtown)/Online

Name of Program Web Application Development

Level of Degree (AAS, AS, AA, BAS, BA, BS, MBA, MAS, MA, MS, Ph.D.) AAS

Name of Person Preparing this Form Jeffrey Biltz

Telephone Number 317-447-6063 Application Type

Date the Form was Prepared 7/1/2015 Initial or Renewal

(Revise date after any revision) Revised: 7/10/2015

I. PROGRAM OBJECTIVES: Describe what the program is designed to achieve and explain how it is structured in order to accomplish the objectives.

The Web Application Development program teaches students how to execute responsibilities related to designing, creating, and maintaining web sites and web applications. Through classroom theory and project-based modeling, students learn how to plan, design, and author, with appropriate coding tools, web applications and web sites from the most basic to the media enriched projects enjoyed by people every day. This program is designed to allow graduates to start careers in a multitude of entry-level web design and web development positions. These would include such positions as web applications developer, web designer, app developer, web/software developer, and website developer.

II. PROGRAM STRUCTURE: List all courses in the program. Indicate course name, course number, and number of credit hours or clock hours for each course.

Name of Program: Web Application Development

Total Course Hours: 90 Check one: Quarter Hours X
 Semester Hours _____
 Clock Hours _____

Tuition : \$36,000 Length of Program: 24 Months

SPECIALTY COURSES:

<u>Course Number</u>	<u>Course Title</u>	<u>Course Hours</u>
BUS1000	Principles of Business	4
CPU1000	Computer and Office Automation	4
ITS1000	Introduction to Technical Computer Concepts	4
ITS1665	Client-Developer Relationship	4
ITS2300	Strategies and Ethics for the IT Professional	4
ITS2405	Web Technologies	4
ITS2410	Introduction to Programming w/Python	4
ITS2415	JavaScript Principles	4
ITS2420	PHP/MySQL Programming I	4
ITS2425	Java Programming I	4
ITS2430	Ruby-on-Rails Essentials	4
ITS2435	ASP.Net Basics	4
ITS2440	Java Programming II	4
ITS2445	Advanced Ruby-on-Rails	4
ITS2450	PHP/MySQL Programming II	4
ITS2490	Web Development Capstone	4
ELECTIVE	Professional Elective I	4

CD1000	Career Development	0
GS1000	Success Strategies	6
<u>GENERAL EDUCATION / LIBERAL ARTS COURSES:</u>		
<u>Course Number</u>	<u>Course Title</u>	<u>Course Hours</u>
COM1050	Composition I	4
MAT1500	Introductory Algebra	4
PSY1060	Psychology	
OR		
SOC1050	Sociology	4
SPC1010	Presentation Skills	4

Number of Credit/Clock Hrs. in Specialty Courses:

74

/

90

Percentage:

82%

Number of Credit/Clock Hrs. in General Courses:

16

/

90

Percentage:

18%

If applicable:

Number of Credit/Clock Hrs. in Liberal Arts:

/

Percentage:

III. LIBRARY: Please provide information pertaining to the library located in your institution.

1. Location of library; Hours of student access; Part-time, full-time librarian/staff:

INDIANAPOLIS DOWNTOWN/ONLINE

Location: The library is located on the campus at: 550 East Washington Street, Indianapolis, Indiana. All Harrison College students can also retrieve library resources and services from the library website accessible at all times from any web-connected computer. The library website at www.harrison.edu/library features links to a materials catalog and the online resources.

Hours : The library is fully staffed Monday – Thursday 8:00 AM – 8:00 PM and Friday 8:00 AM – 2:00 PM. In addition, live online librarian staffed chat reference is available Monday – Thursday 8:00 AM – 6:00 PM and Friday 8:30 AM – 3:00 PM, plus Saturday from 9:00 AM – 1:00 PM and Sunday evenings, 5:00 PM – 9:00 PM.

Staff: One full-time librarian is available in the library with the assistance of one work study student at 25 hours per week to cover extended evening hours. Students are also served by over 13 full time professional librarians from other Harrison College campuses who participate cooperatively in live chat and email reference, resource and collection development, and delivering instructional presentations.

2. Number of volumes of professional material:

The physical collection represents over 2500 titles, picked specifically to support the program areas offered locally. This collection includes both circulating and reference materials. In addition, the library offers direct access to over 47,000 full-text e-Books. Students also have access to additional resources through our Interlibrary Loan service from other institutions.

3. Number of professional periodicals subscribed to:

The campus subscribes to 15 print journals chosen to support the various program areas, to meet the general education requirements of this campus, and to promote life-long learning. Students also have access to thousands of full-text periodicals available electronically through various database subscriptions, including: EBSCO, ProQuest, LexisNexis, and Gale.

4. Other library facilities in close geographical proximity for student access:

The Indianapolis Public Library Central Library is approximately 1.3 miles from the campus. There are 23 branches of the Indianapolis Public Library located throughout the city and county as well as an online catalog and databases available to card holders.

The Indiana University Purdue University Indianapolis (IUPUI) University Library is located 1.8 miles from the campus. As a state supported institution their library collections are available to all Indiana residents.

IV. FACULTY: Indianapolis Downtown/Online

Attach completed Instructor's Qualification Record for each instructor.

**** Include all required documentation pertaining to the qualifications of each instructor.**

Total # of Faculty in the Program:	2	Full-time:	0	Part-time:	2
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Fill out form below: (PLEASE LIST NAMES IN ALPHABETICAL ORDER.)

[illegible]

**Supplementary Information on
Licensure, Certification, and Accreditation**

Institution: **Harrison College**

Degree Program: **Web Application Development AAS**

Locations: **Indianapolis Downtown & Online**

State Licensure

Does a graduate of this program need to be licensed by the State to practice their profession in Indiana and if so, will this program prepare them for licensure?

Graduates of this program do not need to be licensed by the State to practice their profession in Indiana.

If so, please identify

The specific license(s) needed:

The State agency issuing the license(s):

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Professional Certification

What are the professional certifications that exist for graduates of similar program(s)?

Will a graduate of this program be prepared to obtain national professional certification(s) in order to find employment, or to have substantially better prospects for employment, in a related job in Indiana?

Graduates of this program do not need national professional certification in order to obtain employment in the field.

If so, please identify

Each specific professional certification:

The national organization issuing each certification:

Please explain the rationale for choosing each professional certification:

Please identify the single course or a sequence of courses that lead to each professional certification?

Even though professional certification is not required for employment in the field, there are national recognized professional certifications available.

- ITS2405 – CIW Site Development Associate
- ITS2425 and ITS2440 – Oracle Java Associate
- ITS2435 – Microsoft Certified Professional Developer
- ITS2430 and ITS2445 – Ruby Association Certified Ruby Programmer

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Professional Industry Standards/Best Practices

Does the program curriculum incorporate professional industry standard(s) and/or best practice(s)?

If so, please identify

The specific professional industry standard(s) and/or best practice(s):

The organization or agency, from which the professional industry standard(s) and/or best practice(s) emanate:

All Web design courses within the Web Application Development AAS degree program have been developed to ensure compliance with the World Wide Web Consortium (W3C) Standards. These standards define an Open Web Platform for application development that enables developers to build interactive experiences that are available on any computing device. The technical specifications that make up these standards have been designed to ensure technical and editorial quality.

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Program Accreditation

Does this program need specialized accreditation in order for a graduate to become licensed by the State or to earn a national professional certification, so graduates of this program can work in their profession or have substantially better prospects for employment?

The state of Indiana does not require specialized licensure or certification to work in the Web Application Development field, therefore specialized accreditation for the Web Application Development program is not required.

If so, please identify the specialized accrediting agency:

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Transferability of Associate of Science Degrees

Since CHE/BPE policy reserves the Associate of Science designation for associate degrees whose credits apply toward meeting the requirements of a related baccalaureate degree, please answer the following questions:

Does a graduate of this A.S. degree program have the option to apply all or almost all of the credits to a related baccalaureate degree at your institution?

Not applicable to this program.

If so, please list the baccalaureate degree(s):

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Job Titles

List specific job titles and broad job categories that would be appropriate for a graduate of this program:

- Web applications developer
- Web designer
- Applications (App) developer
- Web/software developer
- Website developer